







Public Hearing Item 16

Receive and Confirm Water Supply Forecast for May 1, 2025 through September 30, 2026 Period

Meeting Date: May 19, 2024

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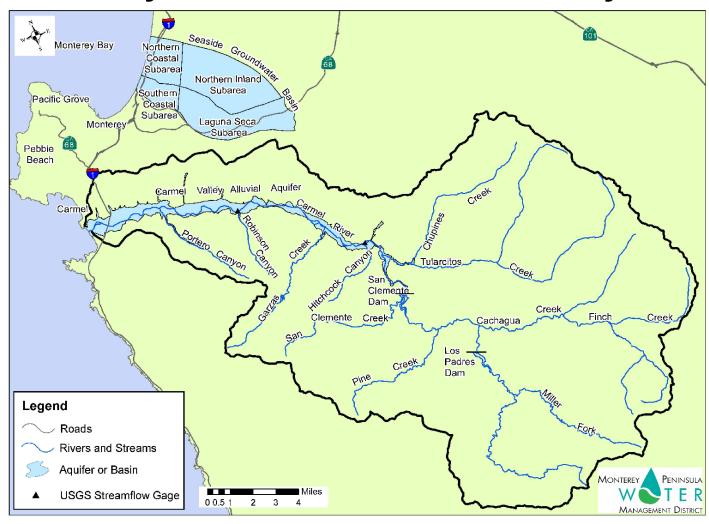


- This forecast applies to current and projected water supply and demand conditions in the Monterey Peninsula Water Resource System.
- This system includes surface water in the Carmel River and its tributaries and groundwater in the Carmel Valley Alluvial Aquifer and Seaside Groundwater Basin.





Monterey Peninsula Water Resource System







- This forecast considers California American Water (Cal-Am) and non Cal-Am water demands from these sources during the May 2025 through September 2026 period.
- This forecast is based on all usable surface and groundwater storage in the system as of May 1, 2025, which is termed "carryover" storage.





Notes:

- This Water Supply Forecast is based on actual water storage conditions and does not account for other environmental considerations such as riparian and aquatic resources or supplies from water resource projects.
 - The rationing trigger for this *Water Supply Forecast* has been adjusted to reflect the appropriate reductions in pumping from the Carmel River and Seaside Groundwater Basins and assumes water resources project operations continue.





Carryover Storage as of May 1, 2025

STORAGE FACILITY	MAXIMUM STORAGE CAPACITY		PERCENT OF MAXIMUM CAPACITY
	(AF)	(AF)	(%)
RESERVOIR			
LOS PADRES	1,670	1,670	100%
<u>AQUIFERS</u>			
UPPER CARMEL VALLEY	6,530	6,230	95%
LOWER CARMEL VALLEY	21,930	20,210	92%
SEASIDE COASTAL	<u>3,000</u>	<u>1,540</u>	51%
TOTAL SYSTEM	33,130	29,650	89%



Physical Storage Target for the Monterey Peninsula Water Resource System for the May-September 2025 and all WY 2026



All Values in Acre-Feet

PRODUCER	MAY-SEPTEMBER DEMAND	CARRYOVER STORAGE NEEDS FOR NEXT YEAR DEMAND FROM MPWRS	TOTAL STORAGE REQUIRED ON MAY 1
California American Water (Cal-Am)	2,401	4,850	7,251
Non Cal-Am	1,946	3,046	4,992
Total	4,347	7,896	12,243
			TOTAL STORAGE AVAILABLE ON MAY 1
			29,650





- Total usable system storage as of May 1, 2025 is **29,650** acre-feet.
- To avoid mandatory water rationing, 12,243 acre-feet of carryover storage is required.
- Accordingly, the current amount of carryover storage is sufficient to begin Water Year 2026 with a full year's supply in reserve.





Recommendation:

- Receive the Long-Term Water Supply Forecast for the Monterey Peninsula Water Resource System for the May 2025 through September 2026 period.
- Given current carryover storage, mandatory water rationing is not required under District rules at this time.
- MPWMD shall continue implementation of its water conservation provisions currently in place.